

CLAIMS

1. A wellbore service fluid to be injected from a surface location through a well tubular into a subterranean formation, said fluid being water based and comprising a particulate additive having the properties of being crystalline, soluble in hydrocarbons and insoluble in an aqueous solution.

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2. The wellbore fluid of claim 1, wherein the additive has a molecular weight of less than 1000.

3. The wellbore fluid of claim 1, wherein the additive has a molecular weight of less than 650.

4. The wellbore fluid of claim 1, wherein the additive is encapsulated prior to use in said wellbore fluid.

5. The wellbore fluid of claim 1, wherein the crystalline additive, soluble in hydrocarbons and insoluble in an aqueous solution, comprises terpene- or sterol-based components.

6. The wellbore fluid of claim 1, wherein the crystalline additive, soluble in hydrocarbons and insoluble in an aqueous solution, is a wax.

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Method of treating a wellbore, including the steps injecting from the surface a water based wellbore fluid comprising a particulate additive having the properties of being crystalline, soluble in hydrocarbons and insoluble in an aqueous solution; letting said additive accumulate at the face of a permeable formation;

- 5 reversing the flow direction and letting hydrocarbons enter said wellbore through said formation thereby dissolving at least part of said accumulated additive.

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